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401 W Odect, C.VV., VVdorinigtori,	BO 20400. Bo flot soria the form to this address.				
		DATA MATRI	x		
Date: September 21, 2012			EPA Reg. No./File Symbol: 499-540	:••	Page 1 of 4
Applicant's/Registrant's Name & Address		Product	•••		
Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682		TC 303	••••	: : :	
Ingredients: Dinotefuran; Pyripr	oxyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.300 - 158.355	PRODUCT CHEMISTRY				
830 1550	Product Identity				NA - end use product

158.300 - 158.355	PRODUCT CHEMISTRY				
830.1550	Product Identity				NA - end use product.
830.1650	Manufacturing Process				NA - end use product.
830.1670	Discussion of formation of impurities				NA - end use product.
830.1700	Preliminary Analysis				NA - end use product.
830.1750	Certificate of limits				NA - end use product.
830.1800	Analytical Methods	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6302	Color	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6303	Physical State	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6304	Odor	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.7200	Melting Point				NA - end use product.
830.7220	Boiling Point		4-4-		NA - end use product.
830.7300	Density, bulk-density, or specific gravity	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.7840 or 830.7860	Solubility				NA - end use product.
830.7950	Vapor Pressure				NA - end use product.

Signature

Name and Title: Dana M. Thomas Product Regulatory Mgr. Date 9/21/12

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		DATA MATRIX			
Date: September 21, 2012			EPA Reg. No./File Symbol: 499-54	0	Page 2 of 4
Applicant's/Registrant's Name & Address			Product	•••	
Whitmire Micro-Gen Research Laboration	oratories, Inc; 3568 Tree Court Industrial Blvd., S	t. Louis, MO 63122-6682	TC 303	:	: : :
Ingredients: Dinotefuran; Pyriproxy	fen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.300 - 158.355					
830.7370	Dissociation constant				NA - end use product.
830.7550 ,830.7560 or 830.7570	Octanol/water partition coefficient				NA - end use product.
830.7000	pH	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6313	Stability				NA - end use product.
830.6314	Oxidizing/Reducing reaction				NA - end use product.
830.6315	Flammability	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6316	Explodability	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6317	Storage stability	48745301	Applicant; 499	OWN	Submitted 2/14/12
830.7100	Viscosity	47879001	Applicant; 499	OWN	Submitted 9/23/09
830.6319	Miscibility				NA
830.6320	Corrosion Characteristics	48745301	Applicant; 499	OWN	Submitted 2/14/12
830.6321	Dielectric breakdown voltage				NA
Signature	Lhomas Submit only D		Name and Title: Dana M. Thomas Product Regulatory Mgr.		Date 9/21/12

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		DATA MATRIX	(		
Date: September 21, 2012		EPA Reg. No./File Symbol: 499-540 Page 3 of 4			
Applicant's/Registrant's Name & Address  Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682		Product	•••		
		TC 303		: ::	
Ingredients: Dinotefuran; Pyripro	xyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.500	Toxicology				
870.1100	Acute Oral LD-50, rat	47847902	Applicant; 499	OWN	Submitted 9/23/09
870.1200	Acute dermal LD-50	47879003	Applicant; 499	OWN	Submitted 9/23/09
870.1300	Acute inhalation LC-50, rat	47879007	Applicant; 499	OWN	Submitted 9/23/09
870.2400	Primary eye irritation, rabbit	47879004	Applicant; 499	OWN	Submitted 9/23/09
870.2500	Primary dermal irritation	47879005	Applicant; 499	OWN	Submitted 9/23/09
870.2600	Dermal sensitization	47879006	Applicant; 499	OWN	Submitted 9/23/09
158.400	Product Performance				
-	Evaluation of Two Insecticidal Products for Control of Adult Cat Fleas, Ctenocephalides felis, Bouché	47879008	Applicant; 499	OWN	Submitted 9/23/09
	Data support for flea larvae		270, 279, 1021, 2382, 2817,2596,2724, 4758, 9198, 10308, 11556, 11715, 40086, 59639, 63823, 66607, 67505, 68543, 69332, 71754, 71755, 73510, 73989, 74888, 75234, 75844, 83399, 85391	PAY	
	Evaluation of the efficacy of Ultracide IIA Carpet Spray v.2 when Applied s Direct Spray Applications to Wild Strain Bed Bugs (Cimex lectularius)		Applicant; 499	OWN	Submitted 9/21/12
	Efficacy Evaluations of Ultracide IIA Carpet Spray Against Brown Dog Tick, Rhipicephalus sanguineus and Lone Star Tick, Amblyomma americanum in the Laboratory		Applicant; 499	OWN	Submitted 9/21/12
	Efficacy of Whitmire Micro-Gen Ultracide IIA Carpet Spray v.2 When Applied as Residual Treatments to Unpainted Wood and Mattress Ticking for the Control of Bed Bugs (Cimex lectularius)		Applicant; 499	OWN	Submitted 9/21/12
Signature  Ang M.	Thomas		Name and Title: Dana M. Thomas Product Regulatory Mgr.		Date 9/21/12

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		DATA MATRI	X		
Date: September 21, 2012			EPA Reg. No./File Symbol: 499-54	0	Page 4 of 4
Applicant's/Registrant's Name &	Address		Product		
Whitmire Micro-Gen Research La	aboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO	63122-6682	TC 303		
ngredients: Dinotefuran; Pyripro	xyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.400 (cont'd.)	Product Performance (cont'd.)				
	Efficacy of Ultracide IIA Carpet Spray v.2 When Applied as Direct Spray Applications to Susceptible and Wild Strain Bed Bug (Cimex lectularius) Eggs		Applicant; 499	OWN	Submitted 9/21/12
	Efficacy Evaluations of Dinotefruan Aerosol (FC 230-069, TC-303) Against Brown Dog Tick, Rhipicephalus sanguineus, and Lone Star Tick, Amblyomma americanum, in the Laboratory		Applicant; 499	OWN	Submitted 9/21/12
	Evaluation of aged deposits of Nylar and Pyriproxyfen against larval cat fleas, Ctenocephalides felis Bouché		Applicant; 499 O'		Submitted 9/21/12
					1
				-	
					-
-					D. 1. 0/04/45
Signature VA 4 2 /A	Thomas		Name and Title: Dana M. Thomas Product Regulatory Mgr.		Date 9/21/12

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		DATA MATRI	X		
Date: September 23, 2009	1		EPA Reg. No./File Symbol: 499-5	40	Page 1 of 4
Applicant's/Registrant's Name & A	Address		Product		
Whitmire Micro-Gen Research La	boratories, Inc; 3568 Tree Court Industrial Blv	vd., St. Louis, MO 63122-6682	TC 303		
ngredients: Dinotefuran; Pyriprox	xyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					NA - end use produ
					NA - end use produ
					NA - end use produ
					NA - end use produ
					NA - end use produ
			Applicant; 499	OWN	Submitted 9/23/
			Applicant; 499	OWN	Submitted 9/23/
			Applicant; 499	OWN	Submitted 9/23/9
			Applicant; 499	OWN	Submitted 9/23/
					NA - end use produ
					NA - end use produ
			Applicant; 499	OWN	Submitted 9/23/
				-977	NA - end use produ
				- 1	NA - end use produ
Signature  Agra M L	Mona		Name and Title: Dana M. Thomas Product Regulatory Mgr.		Date 9/21/12

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		DATA MATRIX	K		
Date: September 23, 2009		3.37	EPA Reg. No./File Symbol: 499-54	10	Page 2 of 4
Applicant's/Registrant's Name & A	Address		Product		
Whitmire Micro-Gen Research La	boratories, Inc; 3568 Tree Court Industrial Blv	vd., St. Louis, MO 63122-6682	TC 303	::	
ngredients: Dinotefuran; Pyriprox	xyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					NA - end use produ
					NA - end use produ
			Applicant; 499	OWN	Submitted 9/23/0
					NA - end use produ
					NA - end use produ
			Applicant; 499	OWN	Submitted 9/23/0
			Applicant; 499	OWN	Submitted 9/23/0
			Applicant; 499	OWN	Submitted 2/14/
			Applicant; 499	OWN	Submitted 9/23/0
					NA
			Applicant; 499	OWN	Submitted 2/14/
			Maria Comment	4 7 15	NA
					100
RALE TO SOLD	是於各種物學。各種				
Signature Lana M	hnne		Name and Title: Dana M. Thomas Product Regulatory Mgr.		Date 9/21/12

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A Reg. No./File Symbol: 499-540 oduct  TC 303  bmitter	Status	Page 3 of 4
TC 303		Page 3 or 4
TC 303	Status	
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bmitter	Status	
	1	Note
Applicant; 499	OWN	Submitted 9/23/09
Applicant; 499	OWN	Submitted 9/23/09
Applicant; 499	OWN	Submitted 9/23/09
Applicant; 499	OWN	Submitted 9/23/09
Applicant; 499	OWN	Submitted 9/23/09
Applicant; 499	OWN	Submitted 9/23/09
Applicant; 499	OWN	Submitted 9/23/09
	PAY	
Applicant; 499	OWN	Submitted 9/21/12
Applicant; 499	OWN	Submitted 9/21/1
Applicant; 499	OWN	Submitted 9/21/1
		Date 9/21/12
	55, 73510, 73989, 74888, 75234, 75844, 99, 85391  Applicant; 499  Applicant; 499	55, 73510, 73989, 74888, 75234, 75844, 99, 85391  Applicant; 499  OWN  Applicant; 499  OWN  Applicant; 499  OWN



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		DATA MATRIX	X		
Date: September 23, 2009			EPA Reg. No./File Symbol: 499	-540	Page 4 of 4
Applicant's/Registrant's Name & A Whitmire Micro-Gen Research La	Address aboratories, Inc; 3568 Tree Court Industrial Blve	d., St. Louis, MO 63122-6682	Product TC 303		
ngredients: Dinotefuran; Pyriprox	xyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Applicant; 499	OWN	Submitted 9/21/12
			Applicant; 499	OWN	Submitted 9/21/12
			Applicant; 499	OWN	Submitted 9/21/12
Signature			Name and Title: Dana M. Thomas		Date 9/21/12
	Thomas		Product Regulatory Mgr.		Date 5/21/12

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#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX	(		
Date: February 14, 2012		EPA Reg. No./File Symbol: 499-540		Page 1 of 3	
Applicant's/Registrant's Name & Address			Product		
Whitmire Micro-Gen Research La	boratories, Inc; 3568 Tree Court Industrial Blvd., St. Lo	ouis, MO 63122-6682	TC 303		
Ingredients: Dinotefuran; Pyripr	oxyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.300 - 158.355	PRODUCT CHEMISTRY				
830.1550	Product Identity				NA - end use produc
830.1650	Manufacturing Process				NA - end use produc
830.1670	Discussion of formation of impurities				NA - end use produc
830.1700	Preliminary Analysis				NA - end use produc
830.1750	Certificate of limits				NA - end use produc
830.1800	Analytical Methods	47879001	Applicant; 499	OWN	
830.6302	Color	47879001	Applicant; 499	OWN	
830.6303	Physical State	47879001	Applicant; 499	OWN	
830.6304	Odor	47879001	Applicant; 499	OWN	
830.7200	Melting Point				NA - end use produc
830.7220	Boiling Point	-			NA - end use produc
830.7300	Density, bulk-density, or specific gravity	47879001	Applicant; 499	OWN	
830.7840 or 830.7860 :	• • Selubility				NA - end use produc
830.7950	• Vapor Pressure				NA - end use produc
Signature  EPA Form 87 50 35 (8.9)	Lodge		Name and Title Patricia Hodge; Product Regulations Specialist		Date 2/14/2012

#### **SEPA**

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX	X		
Date: November 19, 2010			EPA Reg. No./File Symbol: 499-	xxx	Page 1 of 3
Applicant's/Registrant's Name & A	Address		Product		
Whitmire Micro-Gen Research La	boratories, Inc; 3568 Tree Court Industrial Blvd., St. Lo	uis, MO 63122-6682	TC 303		
ngredients: Dinotefuran; Pyripro	oxyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190	PRODUCT CHEMISTRY				
51-1	Product Identity				NA - end use produc
51-2	Manufacturing Process				NA - end use produc
51-3	Discussion of formation of impurities				NA - end use produc
62-1	Preliminary Analysis				NA - end use produc
52-2	Certificate of limits				NA - end use produc
52-3	Analytical Methods		Applicant; 499	OWN	
63-2	Color		Applicant; 499	OWN	
53-3	Physical State		Applicant; 499	OWN	
63-4	Odor		Applicant; 499	OWN	
33-5	Melting Point				NA - end use produc
33-6	Boiling Point	State of the state			NA - end use produc
63-7	Density, bulk-density, or specific gravity		Applicant; 499	OWN	
53-8	Solubility				NA - end use produc
53-9	Vapor Pressure				NA - end use produc
Signature This	a Hoder		Name and Title Patricia Hodge; Product Regulation Specialist		Date 11/19/201

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#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX	X			
Date: November 19, 2010			EPA Reg. No./File Symbol: 499-	xxx	Page 2 of 3	
Applicant's/Registrant's Name & A	Address		Product			
Whitmire Micro-Gen Research La	boratories, Inc; 3568 Tree Court Industrial Blvd., S	t. Louis, MO 63122-6682	TC 303			
ngredients: Dinotefuran; Pyriprox	xyfen; Prallethrin					
Suideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
158.150 - 158.190						
3-10	Dissociation constant				NA - end use produc	
3-11	Octanol/water partition coefficient			77	NA - end use produc	
33-12	рН		Applicant; 499	OWN	120111111111111111111111111111111111111	
3-13	Stability				NA - end use produ	
3-14	Oxidizing/Reducing reaction				NA - end use produ	
3-15	Flammability		Applicant; 499	OWN		
3-16	Explodability		Applicant; 499	OWN		
33-17	Storage stability		Applicant; 499	OWN	In Progress	
3-18	Viscosity		Applicant; 499	OWN		
3-19	Miscibility				NA	
3-20	Corrosion Characteristics		Applicant; 499	OWN	In Progress	
53-21	Dielectric breakdown voltage			11/1/201	NA	
				MAN S		
<b>1</b>						
Signature Paric	ia doda		Name and Title Patricia Hodge ; Product Regulation Specialist		Date 11/19/201	

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Date: September 30, 2009  Applicant's/Registrant's Name & Address  Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682		EPA Reg. No./File Symbol: 499-xxx		Page 1 of 3	
		Product TC 303			
Ingredients: Dinotefuran; Pyripr	oxyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190	PRODUCT CHEMISTRY				
61-1	Product Identity				NA - end use product.
61-2	Manufacturing Process				NA - end use product.
61-3	Discussion of formation of impurities				NA - end use product.
62-1	Preliminary Analysis				NA - end use product.
62-2	Certificate of limits				NA - end use product.
62-3	Analytical Methods		Applicant; 499	OWN	
63-2	Color		Applicant; 499	OWN	
63-3	Physical State		Applicant; 499	OWN	
63-4	Odor		Applicant; 499	OWN	
63-5	Melting Point				NA - end use product
63-6	Boiling Point				NA - end use product.
63-7	Density, bulk density, or specific gravity		Applicant; 499	OWN	
63-8	Solubility				NA - end use product.
63-9	Vapor Pressure	1 - F - 180			NA - end use product.
Signature Aucia	alfola		Name and Title Patricia Hodge ; Product Regulation Specialist		Date 9/30/2009

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		DATA MATRIX	X		
Date: September 30, 2009		EPA Reg. No./File Symbol: 499-xxx		Page 2 of 3	
Applicant's/Registrant's Name & Address  Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682			Product		
		t. Louis, MO 63122-6662	TC 303		
Ingredients: Dinotefuran; Pyripro	oxyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.150 - 158.190					
63-10	Dissociation constant				NA - end use produc
63-11	Octanol/water partition coefficient				NA - end use produc
63-12	рН		Applicant; 499	OWN	
63-13	Stability				NA - end use produc
63-14	Oxidizing/Reducing reaction		J		NA - end use produc
63-15	Flammability		Applicant; 499	OWN	
63-16	Explodability		Applicant; 499	OWN	
63-17	Storage stability	200	Applicant; 499	OWN	In Progress
63-18	Viscosity		Applicant; 499	OWN	
63-19	Miscibility				NA
63-20	Corrosion Characteristics		Applicant; 499	OWN	In Progress
63-21	Dielectric breakdown voltage		100	2.89 Page 1	NA
3.00					
Signature	ia doda		Name and Title Patricia Hodge ; Product Regulation Specialist		Date 9/30/2009

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		DATA MATRI	X		
Date: September 30, 2009		EPA Reg. No./File Symbol: 499-xxx		Page 3 of 3	
Applicant's/Registrant's Name & Address  Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682			Product TC 303		
Ingredients: Dinotefuran; Pyripro	oxyfen; Prallethrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
58.340	Toxicology				7 2
1-1	Acute Oral LD-50, rat		Applicant; 499	OWN	
31-2	Acute dermal LD-50		Applicant; 499	OWN	
31-3	Acute inhalation LC-50, rat		Applicant; 499	OWN	
31-4	Primary eye irritation, rabbit		Applicant; 499	OWN	
31-5	Primary dermal irritation	1	Applicant; 499	OWN	
31-6	Dermal sensitization		Applicant; 499	OWN	
158.64	Product Performance				19 200
	Evaluation of Two Insecticidal Products for Control of Adult Cat Fleas, Ctenocephalides felis, Bouché		Applicant; 499	OWN	
	Data support for flea larvae		270,279,1021,2382, 2817,2596,2724 4758,9198,10308,11556,11715,40086, 59639,6382,66607,67505,68543,69332 71754,71755,73510,73989,74888, 75234,75844,83399,85391	All Control	
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		71,	As a	1	
Signature	alkete		Name and Title Patricia Hodge ; Product Regulation Specialist	,	Date 9/30/2009



		DATA MATRI	X		
Date: September 23, 2009  Applicant's/Registrant's Name & Address  Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682		EPA Reg. No./File Symbol: 499-xxx		Page 1 of 3	
		Product TC 303			
Ingredients: Dinotefuran; Pyripro	xyfen; Prallethrin				1. 2 3 30 5
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					NA - end use produc
					NA - end use produc
					NA - end use product
				1 2	NA - end use produc
			A STATE OF THE STA		NA - end use produc
			Applicant; 499	OWN	
			Applicant; 499	OWN	
			Applicant; 499	OWN	
			Applicant; 499	OWN	
					NA - end use produc
					NA - end use produc
			Applicant; 499	OWN	
					NA - end use produc
					NA - end use product
Signature	a Aldodu		Name and Title Patricia Hodge ; Product Regulation Specialist		Date 9/30/2009



		DATA MATRI	X		
Date: September 23, 2009  Applicant's/Registrant's Name & Address  Whitmire Micro-Gen Research Laboratories, Inc; 3568 Tree Court Industrial Blvd., St. Louis, MO 63122-6682		EPA Reg. No./File Symbol: 499-xxx		Page 2 of 3	
		Product TC 303			
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Signature	ia aldeda		Name and Title Patricia Hodge; Product Regulation Specialist		Date 9/30/2009



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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Signature			Name and Title Patricia Hodge; Product Regulation Specialist		Date 9/30/2009